GFOD2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76947
Synonyms:	Glucose-fructose oxidoreductase domain-containing protein 2; GFOD2
Species:	Mouse
Source:	HEK293
Accession:	Q9CYH5/NP_081745.1 (E26-L385)
Gene ID:	70575
Molecular Weight:	Approximately 41.2 kDa.

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	GFOD2 Protein emerges as a key player in cellular dynamics by actively promoting matrix assembly. The protein's pivotal role in orchestrating the assembly of the extracellular matrix underscores its significance in cellular architecture and functionality. The nuanced functions of GFOD2 in matrix assembly warrant further exploration to comprehend the detailed mechanisms governing its regulatory roles, potentially contributing to diverse cellular processes and biological pathways.

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